



Steroids and Hormones

For Qualification and Quantitation



Steroids and hormones play vital roles in the regulation of a diverse array of cellular functions and physiological processes. These pertain to development, reproduction, homeostasis, and metabolism, among others. Accurate quantification of this compound class is essential for basic and clinical translation research. This can be achieved by spiking an isotopically labeled steroid standard(s) or mix into a sample of interest, such as plasma or urine, with measurement performed by an MS- or NMR-based approach.

CIL offers a variety of stable isotope-labeled and unlabeled steroid and hormone standards and mixes. These are available in different labeling patterns in their neat and/or solution forms. See isotope.com for a complete listing.

Individual Standards

Catalog No.	Description	Concentration	Unit Size
DLM-10472-C	Aldosterone (9,11,12,12-D ₄ , 98%) CP 97%	100 µg/mL in acetonitrile	1 mL
DLM-8438-C	Aldosterone (2,2,4,6,6,17,21,21-D ₈)	100 µg/mL in acetonitrile	1 mL
DLM-8438	Aldosterone (2,2,4,6,6,17,21,21-D ₈)	neat	1 mg, 2 mg, 5 mg
ULM-9134-C	Aldosterone (unlabeled)	100 µg/mL in acetonitrile	1 mL
ULM-9134	Aldosterone (unlabeled) CP 95%	neat	1 mg, 5 mg
DLM-10269	5α-Androstan-3β-ol-17-one (epiandrosterone) (2,2,4,4-D ₄ , 98%)	neat	1 mg, 5 mg
ULM-10270	5α-Androstan-3β-ol-17-one (epiandrosterone) (unlabeled)	neat	1 mg
CLM-10548	5α-Androstan-3,17-dione (androstanedione) (2,3,4- ¹³ C ₃ , 98%)	neat	1 mg
ULM-8794-C	5α-Androstan-3,17-dione (androstanedione) (unlabeled) CP 95%	100 µg/mL in methanol	1 mL
ULM-8794	5α-Androstan-3,17-dione (androstanedione) (unlabeled)	neat	1 mg
DLM-8750	5β-Androstan-3α-ol-17-one (etiocholanolone) (16,16-D ₂ , 98%)	neat	Please inquire
DLM-10008-C	5β-Androstan-3α-ol-17-one (etiocholanolone) (2,2,3,4,4-D ₅ , 98%)	100 µg/mL in methanol	1 mL
DLM-10008	5β-Androstan-3α-ol-17-one (etiocholanolone) (2,2,3,4,4-D ₅ , 98%)	neat	1 mg
ULM-10009-C	5β-Androstan-3α-ol-17-one (etiocholanolone) (unlabeled)	100 µg/mL in methanol	1 mL
ULM-10009	5β-Androstan-3α-ol-17-one (etiocholanolone) (unlabeled)	neat	1 mg
DLM-9769-C	5α-Androstane-3α,17β-diol (16,16,17-D ₃ , 98%) CP 95%	100 µg/mL in methanol	1 mL
DLM-9769	5α-Androstane-3α,17β-diol (16,16,17-D ₃ , 98%) CP 95%	neat	1 mg
ULM-9752-C	5α-Androstane-3α,17β-diol (unlabeled)	100 µg/mL in methanol	1 mL
ULM-9752	5α-Androstane-3α,17β-diol (unlabeled)	neat	1 mg
ULM-10732	5α-Androstane-3β,17β-diol (unlabeled)	neat	1 mg
DLM-9787	Androstanediol glucuronide, sodium salt (16,16,17-D ₃ , 98%) CP 97%	neat	1 mg

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Catalog No.	Description	Concentration	Unit Size
DLM-10396	4-Androsten-11 β -ol-3,17-dione (9,11,12,12-D ₄ , 98%)	neat	1 mg
DLM-9697	4-Androsten-11 β -ol-3,17-dione (2,2,4,6,6,16,16-D ₇ , 98%)	neat	Please inquire
DLM-10397	4-Androsten-11 β -17 β -diol-3-one (9,11,12,12-D ₄ , 98%) CP 95%	neat	1 mg
DLM-10401-1.2	5-Androsten-3 β -17 β -diol (16,16,17-D ₃ , 98%) CP 95%	100 μ g/mL in methanol	1.2 mL
DLM-10401	5-Androsten-3 β -17 β -diol (16,16,17-D ₃ , 98%) CP 95%	neat	1 mg
CLM-9135-D	4-Androstene-3,17-dione (2,3,4- ¹³ C ₃ , 98%)	1000 μ g/mL in methanol	1 mL
CLM-9135-C	4-Androstene-3,17-dione (2,3,4- ¹³ C ₃ , 98%)	100 μ g/mL in methanol	1 mL
CLM-9135	4-Androstene-3,17-dione (2,3,4- ¹³ C ₃ , 98%)	neat	5 mg, 10 mg
DLM-8330	4-Androstene-3,17-dione (2,2,4,6,6-D ₅ , 98%)	neat	0.05 g, 0.1 g
DLM-7976	4-Androstene-3,17-dione (2,2,4,6,6,16,16-D ₇ , 97%)	neat	0.05 g, 0.1 g
ULM-8472	4-Androstene-3,17-dione (unlabeled)	neat	1 mg, 5 mg, 10 mg
DLM-10420-C	4-Androstene-6 β ,17 β -diol-3-one (16,16,17-D ₃ , 98%) CP 95%	100 μ g/mL in methanol	1 mL
DLM-10420	4-Androstene-6 β ,17 β -diol-3-one (16,16,17-D ₃ , 98%)	neat	1 mg
DLM-11248	11-keto-Androstenedione (11-KA4) (D ₁₀ , 90%) CP 95%	neat	Please inquire
DLM-7937	Androsterone (5 α -androstane-3 α -ol-17-one) (16,16-D ₂ , 98%)	neat	Please inquire
DLM-10402-C	Androsterone (5 α -androstane-3 α -ol-17-one) (2,2,4,4-D ₄ , 98%)	100 μ g/mL in methanol	1 mL
DLM-10402	Androsterone (5 α -androstane-3 α -ol-17-one) (2,2,4,4-D ₄ , 98%) CP 95%	neat	1 mg
ULM-10403-C	Androsterone (5 α -androstane-3 α -ol-17-one) (unlabeled)	100 μ g/mL in methanol	1 mL
ULM-10403	Androsterone (5 α -androstane-3 α -ol-17-one) (unlabeled)	neat	1 mg
DLM-9137	Androsterone glucuronide, sodium salt (2,2,4,4-D ₄ , 98%)	neat	Please inquire
ULM-9138	Androsterone glucuronide, sodium salt (unlabeled)	neat	5 mg, 10 mg
DLM-4700	5 α -Cholestane (5 α -cholane) (3,3-D ₂ , 98%)	neat	Please inquire
DLM-8276	Cholestenone (2,2,4,6,6-D ₅ , 98%)	neat	0.1 g
CLM-804	Cholesterol (3,4- ¹³ C ₂ , 99%)	neat	0.1 g
CLM-9139-C	Cholesterol (2,3,4- ¹³ C ₃ , 98%)	100 μ g/mL in ethanol	1 mL
CLM-9139	Cholesterol (2,3,4- ¹³ C ₃ , 99%)	neat	2 mg, 5 mg
CLM-9587-1.2	Cholesterol (23,24,25,26,27- ¹³ C ₅ , 99%)	100 μ g/mL in methanol	1.2 mL
CLM-9587	Cholesterol (23,24,25,26,27- ¹³ C ₅ , 99%)	neat	2 mg, 5 mg
DLM-1831	Cholesterol (3-D, 97%)	neat	Please inquire
DLM-7260	Cholesterol (25,26,26,26-D ₄ , 98%)	neat	Please inquire
DLM-2607-C	Cholesterol (2,2,3,4,4,6-D ₆ , 97%) CP 97%	100 μ g/mL in ethanol	1 mL
DLM-2607	Cholesterol (2,2,3,4,4,6-D ₆ , 97%)	neat	0.1 g
DLM-3057	Cholesterol (25,26,26,26,27,27,27-D ₇ , 98%)	neat	10 mg, 0.1 g
OLM-7695	Cholesterol (¹⁸ O, 95%)	neat	Please inquire
ULM-9140-1.2	Cholesterol (unlabeled)	100 μ g/mL in methanol	1.2 mL
ULM-9140	Cholesterol (unlabeled) CP 97%	neat	1 mg, 5 mg, 10 mg
CLM-3361	Cholesterol-3-octanoate (octanoate-1- ¹³ C, 99%)	neat	1 g
DLM-10416	Cholesterol-3-sulfate, sodium salt (25,26,26,26,27,27,27-D ₇ , 98%)	neat	1 mg
DLM-11017-C	Corticosterone (9,11,12,12-D ₄ , 98%) CP 97%	100 μ g/mL in acetonitrile	1 mL
DLM-11017	Corticosterone (9,11,12,12-D ₄ , 98%)	neat	1 mg, 5 mg
DLM-7347	Corticosterone (2,2,4,6,6,17 α ,21,21-D ₈ , 97%)	neat	10 mg
ULM-9988	Corticosterone (unlabeled)	neat	1 mg
CLM-10371-C	Cortisol (2,3,4- ¹³ C ₃ , 99%)	100 μ g/mL in methanol	1 mL
DLM-2615	Cortisol (1,2-D ₂ , 98%)	neat	Please inquire
DLM-2057	Cortisol (9,12,12-D ₃ , 98%)	neat	10 mg
DLM-2218	Cortisol (9,11,12,12-D ₄ , 98%)	neat	0.1 mg, 10 mg
ULM-9141	Cortisol (unlabeled)	neat	1 mg, 5 mg, 10 mg
DLM-10471	Cortisol-21-sulfate, sodium salt (9,11,12,12-D ₄ , 98%) CP 95%	neat	1 mg
CLM-10536-C	Cortisone (2,3,4- ¹³ C ₃ , 98%) CP 97%	100 μ g/mL in methanol	1 mL
DLM-8863	Cortisone (1,2-D ₂ , 98%) CP 95%	neat	Please inquire
DLM-9142-C	Cortisone (2,2,4,6,6,12,12-D ₇ , 98%)	100 μ g/mL in methanol	1 mL
DLM-9976	Cortisone (2,2,4,6,6,9,12,12-D ₈ , 98%)	neat	1 mg, 5 mg
ULM-9202-C	Cortisone (unlabeled)	100 μ g/mL in methanol	1 mL
ULM-9202	Cortisone (unlabeled)	neat	1 mg, 5 mg, 10 mg

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Catalog No.	Description	Concentration	Unit Size
CLM-11710	7-Dehydrocholesterol (23,24,25,26,27- ¹³ C ₅ , 98%) CP 95%	neat	1 mg
DLM-4216	7-Dehydrocholesterol (25,26,26,26,27,27-D ₇ , 98%)	neat	Please inquire
CLM-10549-C	Dehydroepiandrosterone (DHEA) (2,3,4- ¹³ C ₃ , 99%)	100 µg/mL in methanol	1 mL
CLM-10549	Dehydroepiandrosterone (DHEA) (2,3,4- ¹³ C ₃ , 99%)	neat	1 mg
DLM-7714	Dehydroepiandrosterone (DHEA) (16,16-D ₂ , 97%)	neat	0.1 g
DLM-8049-C	Dehydroepiandrosterone (DHEA) (2,2,3,4,4,6-D ₆ , 97%)	100 µg/mL in methanol	1 mL
DLM-8049	Dehydroepiandrosterone (DHEA) (2,2,3,4,4,6-D ₆ , 98%) CP 97%	neat	5 mg
ULM-9143-D	Dehydroepiandrosterone (DHEA) (unlabeled)	1000 µg/mL in methanol	1 mL
ULM-9143-C	Dehydroepiandrosterone (DHEA) (unlabeled)	100 µg/mL in methanol	1 mL
ULM-9143	Dehydroepiandrosterone (DHEA) (unlabeled)	neat	1 mg, 5 mg, 10 mg
DLM-8701	Dehydroepiandrosterone sulfate (DHEAS), sodium salt (16,16-D ₂ , 97%)	neat	Please inquire
ULM-9144-D	Dehydroepiandrosterone sulfate (DHEAS), sodium salt (unlabeled)	1000 µg/mL in methanol	1 mL
ULM-9144-C	Dehydroepiandrosterone sulfate (DHEAS), sodium salt (unlabeled)	100 µg/mL in methanol	1 mL
ULM-9144	Dehydroepiandrosterone sulfate (DHEAS), sodium salt (unlabeled)	neat	1 mg, 5 mg, 10 mg
DLM-8337-C	Dehydroepiandrosterone sulfate (DHEAS), sodium salt·2H ₂ O (2,2,3,4,4,6-D ₆ , 95%)	100 µg/mL in methanol	1 mL
DLM-8337	Dehydroepiandrosterone sulfate (DHEAS), sodium salt·2H ₂ O (2,2,3,4,4,6-D ₆ , 95%)	neat	5 mg
CLM-10384-C	11-Deoxycortisol (2,3,4- ¹³ C ₃ , 99%) CP 97%	100 µg/mL in methanol	1 mL
CLM-10384	11-Deoxycortisol (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg
DLM-7209	11-Deoxycortisol (21,21-D ₂ , 96%)	neat	5 mg, 10 mg
DLM-8336-C	11-Deoxycortisol (2,2,4,6,6-D ₅ , 98%)	100 µg/mL in methanol	1 mL
DLM-8336	11-Deoxycortisol (2,2,4,6,6-D ₅ , 98%) CP 97%	neat	5 mg, 10 mg
ULM-9145-D	11-Deoxycortisol (unlabeled)	1000 µg/mL in methanol	1 mL
ULM-9145-C	11-Deoxycortisol (unlabeled)	100 µg/mL in methanol	1 mL
ULM-9145	11-Deoxycortisol (unlabeled)	neat	1 mg, 5 mg, 10 mg
CLM-11709-C	21-Deoxycortisol (2,3,4- ¹³ C ₃ , 98%) CP 98%	100 µg/mL in methanol	1 mL
DLM-11414	21-Deoxycortisol (9,11,11,12-D ₄ , 98%) CP 95%	neat	Please inquire
DLM-8305	21-Deoxycortisol (2,2,4,6,6,21,21,21-D ₈ , 97%)	neat	10 mg
ULM-9987-C	21-Deoxycortisol (unlabeled)	100 µg/mL in methanol	1 mL
ULM-9987	21-Deoxycortisol (unlabeled)	neat	1 mg
DLM-170-D-1.2	Diethylstilbestrol (<i>cis/trans</i> mix) (ring-3,3',5,5'-diethyl-1,1,1',1'-D ₈ , 98%)	100 µg/mL in dioxane	1.2 mL
DLM-170	Diethylstilbestrol (<i>cis/trans</i> mix) (ring-3,3',5,5'-diethyl-1,1,1',1'-D ₈ , 98%)	neat	0.05 g, 0.1 g
CLM-9146-D	5α-Dihydrotestosterone (2,3,4- ¹³ C ₃ , 99%) CP 97%	1000 µg/mL in methanol	1 mL
CLM-9146-C	5α-Dihydrotestosterone (2,3,4- ¹³ C ₃ , 99%) CP 97%	100 µg/mL in methanol	1 mL
CLM-9146	5α-Dihydrotestosterone (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg, 5 mg, 10 mg
DLM-3023	5α-Dihydrotestosterone (16,16,17-D ₃ , 98%)	neat	Please inquire
DLM-9041	5α-Dihydrotestosterone (2,2,4,4-D ₄ , 98%) CP 95%	neat	1 mg
ULM-8364-D	5α-Dihydrotestosterone (unlabeled)	1 mg/mL in methanol	1 mL
ULM-8364-C	5α-Dihydrotestosterone (unlabeled)	100 µg/mL in methanol	1 mL
ULM-8364	5α-Dihydrotestosterone (unlabeled)	neat	Please inquire
CLM-9222-C	L-3,3'-Diiodothyronine (T2) (phenoxy- ¹³ C ₆ , 99%) CP 97%	100 µg/mL in 0.1 N ammonia in methanol	1 mL
CLM-9222	L-3,3'-Diiodothyronine (T2) (phenoxy- ¹³ C ₆ , 99%) CP 97%	neat	1 mg, 5 mg
ULM-9223-C	L-3,3'-Diiodothyronine (T2) (unlabeled)	100 µg/mL in 0.1 N ammonia in methanol	1 mL
ULM-9223	L-3,3'-Diiodothyronine (T2) (unlabeled)	neat	1 mg, 5 mg, 10 mg
CLM-7768	Epicholesterol (3,4- ¹³ C ₂ , 99%)	neat	0.1 g
DLM-9088	DL-Epinephrine (ring-D ₃ , 1,2,2-D ₃ , 98%)	neat	Please inquire
CNLM-7889	DL-Epinephrine (1,2- ¹³ C ₂ , 99%; ¹⁵ N, 98%)	neat	10 mg
CLM-11416	Epitestosterone (2,3,4- ¹³ C ₃ , 98%) CP 95%	neat	Please inquire
CLM-803-1.2	Estradiol (3,4- ¹³ C ₂ , 99%)	100 µg/mL in acetonitrile	1.2 mL
CLM-803	Estradiol (3,4- ¹³ C ₂ , 99%)	neat	Please inquire
DLM-3694	Estradiol (16,16,17-D ₃ , 98%) CP 95%	neat	1 mg, 10 mg
DLM-2487	Estradiol (2,4,16,16-D ₄ , 95%)	neat	5 mg

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Catalog No.	Description	Concentration	Unit Size
ULM-7449-1.2	Estradiol (unlabeled)	100 µg/mL in acetonitrile	1.2 mL
ULM-7449	Estradiol (unlabeled)	neat	0.1 mg
CLM-7936-1.2	DL-Estradiol (13,14,15,16,17,18- ¹³ C ₆ , 99%)	100 µg/mL in methanol	1.2 mL
CLM-7936	DL-Estradiol (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
CLM-10404-C	Estradiol undecanoate (2,3,4- ¹³ C ₃ , 98%) CP 95%	100 µg/mL in methanol	1 mL
CLM-10404	Estradiol undecanoate (2,3,4- ¹³ C ₃ , 98%) CP 95%	neat	1 mg
CLM-9147-C	Estriol (16α-hydroxyestradiol) (2,3,4- ¹³ C ₃ , 99%) CP 97%	100 µg/mL in methanol	1 mL
CLM-9147	Estriol (16α-hydroxyestradiol) (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	0.1 mg, 0.25 mg, 0.5 mg, 1 mg
DLM-8586	Estriol (2,4,16-D ₃ , 98%) CP 96%	neat	5 mg, 10 mg
DLM-8343	Estriol (2,4,17-D ₃ , 98%) CP 96%	neat	Please inquire
ULM-8218	Estriol (unlabeled)	neat	0.1 mg
CLM-673-1.2	Estrone (3,4- ¹³ C ₂ , 90%)	100 µg/mL in acetonitrile	1.2 mL
CLM-673	Estrone (3,4- ¹³ C ₂ , 99%)	neat	Please inquire
CLM-9148-C	Estrone (2,3,4- ¹³ C ₃ , 99%)	100 µg/mL in methanol	1 mL
CLM-9148-B	Estrone (2,3,4- ¹³ C ₃ , 99%)	50 µg/mL in methanol	1 mL
CLM-9148	Estrone (2,3,4- ¹³ C ₃ , 99%)	neat	1 mg, 5 mg
DLM-3976	Estrone (2,4,16,16-D ₄ , 97%)	neat	5 mg
CLM-7935-1.2	DL-Estrone (13,14,15,16,17,18- ¹³ C ₆ , 99%) CP 95%	100 µg/mL in methanol	1.2 mL
CLM-7935	DL-Estrone (13,14,15,16,17,18- ¹³ C ₆ , 99%) CP 95%	neat	0.1 mg
CLM-8033	DL-Estrone 3-methyl ether (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
ULM-10356	Estrone 3-methyl ether (unlabeled)	neat	0.1 mg
CLM-3375-1.2	Ethynylestradiol (20,21- ¹³ C ₂ , 99%) CP 97%	100 µg/mL in acetonitrile	1.2 mL
ULM-7211-1.2	Ethynylestradiol (unlabeled)	100 µg/mL in acetonitrile	1.2 mL
DLM-4691	17α-Ethynylestradiol (2,4,16,16-D ₄ , 97%)	neat	10 mg
CLM-11415	7α-Hydroxy-4-cholesten-3-one (23,24,25,26,27- ¹³ C ₅ , 98%) CP 95%	neat	Please inquire
DLM-8646	7β-Hydroxycholesterol (25,26,26,26,27,27-D ₂ , 98%) CP 97%	neat	Please inquire
ULM-10267	7α-Hydroxycholesterol (unlabeled)	neat	1 mg
ULM-10268	7β-Hydroxycholesterol (unlabeled)	neat	Please inquire
DLM-9150-C	18-Hydroxycorticosterone (9,11,12,12-D ₄ , 98%)	100 µg/mL in acetonitrile	1 mL
DLM-9150	18-Hydroxycorticosterone (9,11,12,12-D ₄ , 98%) CP 95%	neat	1 mg
ULM-9151-C	18-Hydroxycorticosterone (unlabeled) CP 95%	100 µg/mL in methanol	1 mL
ULM-9151	18-Hydroxycorticosterone (unlabeled) CP 95%	neat	1 mg
ULM-10007-C	18-Hydroxycortisol (unlabeled) CP 97%	100 µg/mL in methanol	1 mL
ULM-10007	18-Hydroxycortisol (unlabeled) CP 95%	neat	1 mg
ULM-8134	2-Hydroxyestrone (unlabeled)	neat	0.1 mg
ULM-8261	4-Hydroxyestrone (unlabeled) CP 96%	neat	0.1 mg
CLM-8012	DL-2-Hydroxyestradiol (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
ULM-8133	2-Hydroxyestrone-3-methyl ether (unlabeled) CP 97%	neat	0.1 mg
CLM-9153-C	16α-Hydroxyestrone (2,3,4- ¹³ C ₃ , 99%)	100 µg/mL in methanol	1 mL
CLM-9153	16α-Hydroxyestrone (2,3,4- ¹³ C ₃ , 99%)	neat	0.1 mg, 0.25 mg, 0.5 mg, 1 mg
ULM-9152-C	16α-Hydroxyestrone (unlabeled)	100 µg/mL in methanol	1 mL
CLM-8011	DL-2-Hydroxyestrone (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
CLM-8016	DL-2-Hydroxyestrone-3-methyl ether (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
CLM-8013	DL-4-Hydroxyestrone (13,14,15,16,17,18- ¹³ C ₆ , 99%) CP 97%	neat	0.1 mg
DLM-7206	17α-Hydroxypregnenolone (21,21,21-D ₃ , 97%)	neat	Please inquire
CDLM-9154-C	17α-Hydroxypregnenolone (20,21- ¹³ C ₂ , 98%; 16,16-D ₂ , 98%)	100 µg/mL in methanol	1 mL
CDLM-9154	17α-Hydroxypregnenolone (20,21- ¹³ C ₂ , 98%; 16,16-D ₂ , 98%)	neat	1 mg
ULM-9155-C	17α-Hydroxypregnenolone (unlabeled)	100 µg/mL in methanol	1 mL
ULM-9155	17α-Hydroxypregnenolone (unlabeled)	neat	Please inquire
CLM-9157-D	17α-Hydroxyprogesterone (2,3,4- ¹³ C ₃ , 98%)	1000 µg/mL in methanol	1 mL
CLM-9157-C	17α-Hydroxyprogesterone (2,3,4- ¹³ C ₃ , 98%)	100 µg/mL in methanol	1 mL

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Catalog No.	Description	Concentration	Unit Size
CLM-9157	17 α -Hydroxyprogesterone (2,3,4- ¹³ C ₃ , 98%)	neat	1 mg, 5 mg
DLM-6598	17 α -Hydroxyprogesterone (2,2,4,6,6,21,21,21-D ₈ , 98%)	neat	10 mg, 0.05 g
ULM-9156-C	17 α -Hydroxyprogesterone (unlabeled) CP 95%	100 μ g/mL in methanol	1 mL
ULM-9156	17 α -Hydroxyprogesterone (unlabeled)	neat	1 mg, 5 mg, 10 mg
CLM-11708-F	11-Ketoandrostenedione (11-KA4) (2,3,4- ¹³ C ₃ , 98%) CP 95%	10 μ g/mL in methanol	1 mL
DLM-11248	11-Ketoandrostenedione (11-KA4) (D ₁₀ , 98%) CP 95%	neat	Please inquire
DLM-8647	7-Ketocholesterol (7-KC) (25,26,26,26,27,27,27-D ₇ , 99%)	neat	Please inquire
DLM-10395	11-Ketotestosterone (11-KT) (16,16,17-D ₃) CP 95%	neat	1 mg
DLM-7101	Melatonin (acetyl-D ₃ , 98%)	neat	5 mg, 10 mg
DLM-3560	DL-Metanephrine-HCl (α,β,β -D ₃ , 98%)	neat	5 mg, 10 mg
CLM-8015	DL-2-Methoxyestradiol (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
ULM-8137	DL-2-Methoxyestradiol (unlabeled)	neat	0.1 mg
CLM-8014	DL-2-Methoxyestrone (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
CLM-8017	DL-4-Methoxyestrone (13,14,15,16,17,18- ¹³ C ₆ , 99%)	neat	0.1 mg
ULM-8263	2-Methoxyestrone (unlabeled)	neat	0.1 mg
ULM-8262	4-Methoxyestrone (unlabeled)	neat	0.1 mg
DLM-8820	DL-Norepinephrine (noradrenaline)-HCl (ring-D ₃ , 1,2,2-D ₃ , 99%)	neat	5 mg, 10 mg
CLM-2468	Norethindrone (ethynyl- ¹³ C ₂ , 99%)	neat	10 mg
CLM-9980	Nestorone (16-methylene- ¹³ C, 20,21- ¹³ C ₂ , 99%) CP 96%	neat	Please inquire
DLM-8609	DL-Normetanephrine-HCl (α,β,β -D ₃ , 98%)	neat	5 mg, 10 mg
DLM-3979-1.2	19-Nortestosterone (16,16,17-D ₃ , 98%)	100 μ g/mL in methanol	1.2 mL
DLM-3979	19-Nortestosterone (16,16,17-D ₃ , 98%)	neat	5 mg
ULM-4841-1.2	19-Nortestosterone (unlabeled)	100 μ g/mL in methanol	1.2 mL
DLM-3754	5 α -Pregnan-3 α -ol-20-one (17,21,21,21-D ₄ , 96%) CP 95%	neat	10 mg
DLM-7492	5 α -Pregnan-3 β -ol-20-one (17 α ,21,21,21-D ₄ , 97%) CP 96%	neat	Please inquire
ULM-8242	5 α -Pregnan-3 β -ol-20-one (unlabeled)	neat	1 mg
DLM-10969-C	5 α -Pregnan-3 α ,11 β ,17,21-tetrol-20-one (2,2,3,4,4-D ₅ , 98%)	100 μ g/mL in methanol	1 mL
DLM-10969	5 α -Pregnan-3 α ,11 β ,17,21-tetrol-20-one (2,2,3,4,4-D ₅ , 98%)	neat	1 mg
DLM-11010-C	5 α -Pregnan-3 α ,17,21-triol-11,20-dione (2,2,4,4-D ₄ , 98%)	100 μ g/mL in methanol	1 mL
DLM-11010	5 α -Pregnan-3 α ,17,21-triol-11,20-dione (2,2,4,4-D ₄ , 98%)	neat	Please inquire
DLM-11009-C	5 α -Pregnan-3 α ,17,21-triol-11,20-dione (2,2,3,4,4-D ₅ , 98%)	100 μ g/mL in methanol	1 mL
DLM-11009	5 α -Pregnan-3 α ,17,21-triol-11,20-dione (2,2,3,4,4-D ₅ , 98%)	neat	Please inquire
DLM-2294	5 β -Pregnan-3 α -ol-20-one (17,21,21,21-D ₄ , 96%)	neat	10 mg
DLM-8751	5 β -Pregnan-3 α ,11 β ,17 α ,21-tetrol-20-one (9,11 α ,12-D ₃ , 95%)	neat	Please inquire
DLM-11014-C	5 β -Pregnan-3 α ,11 β ,17 α ,21-tetrol-20-one (2,2,3,4,4-D ₅ , 98%)	100 μ g/mL in methanol	1 mL
DLM-11014	5 β -Pregnan-3 α ,11 β ,17 α ,21-tetrol-20-one (2,2,3,4,4-D ₅ , 98%)	neat	1 mg
ULM-11015-C	5 β -Pregnan-3 α ,11 β ,17 α ,21-tetrol-20-one (unlabeled)	100 μ g/mL in methanol	1 mL
ULM-11015	5 β -Pregnan-3 α ,11 β ,17 α ,21-tetrol-20-one (unlabeled)	neat	1 mg
DLM-11012-C	5 β -Pregnan-3 α ,11 β ,21-triol-20-one (2,2,3,4,4-D ₅ , 98%) CP 95%	100 μ g/mL in methanol	1 mL
DLM-11012	5 β -Pregnan-3 α ,11 β ,21-triol-20-one (2,2,3,4,4-D ₅ , 98%) CP 95%	neat	1 mg
ULM-11011-C	5 β -Pregnan-3 α ,11 β ,21-triol-20-one (unlabeled)	100 μ g/mL in methanol	1 mL
ULM-11011	5 β -Pregnan-3 α ,11 β ,21-triol-20-one (unlabeled)	neat	1 mg
DLM-11013-C	5 β -Pregnan-3 α ,17,21-triol-11,20-dione (2,2,3,4,4-D ₅ , 98%)	100 μ g/mL in methanol	1 mL
DLM-11013	5 β -Pregnan-3 α ,17,21-triol-11,20-dione (2,2,3,4,4-D ₅ , 98%)	neat	1 mg
DLM-8753	5 β -Pregnan-3 α ,17 α ,20-triol (20,21,21,21-D ₄ , 98%) (mix of 20 α and 20 β)	neat	Please inquire
DLM-10413	5 β -Pregnane-3 α -20 α -diol (2,2,3,4,4-D ₅ , 98%) CP 95%	neat	1 mg
CLM-10412	5 β -Pregnane-3 α -20 α -diol glucuronide, sodium salt (2,3,4,20,21- ¹³ C ₅ , 99%) CP 95%	neat	1 mg
DLM-3910	5 α -Pregnane-3 α ,21-diol-20-one (17,21,21-D ₃ , 95%)	neat	10 mg
ULM-10385	5 α -Pregnane-3 α ,21-diol-20-one (unlabeled)	neat	1 mg
DLM-3816	5 α -Pregnane-3,20-dione (1,2,4,5,6,7-D ₆ , 95%)	neat	10 mg, 0.05 g
DLM-9901	5 β -Pregnane-3,20-dione (2,2,4,4,17 α ,21,21,21-D ₈ , 98%) CP 97%	neat	Please inquire

Chemical purity (CP) is 98% or greater, unless otherwise specified. MPT (microbiological and pyrogen tested) may be available; please inquire.
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Catalog No.	Description	Concentration	Unit Size
CLM-10010-C	4-Pregnen-21-ol-3,20-dione (2,3,4- ¹³ C ₃ , 99%)	100 µg/mL in methanol	1 mL
CLM-10010	4-Pregnen-21-ol-3,20-dione (2,3,4- ¹³ C ₃ , 99%)	neat	Please inquire
DLM-11249	4-Pregnen-21-ol-3,20-dione (2,2,6,6,17,21,21-D ₇ , 96%)	neat	Please inquire
DLM-7228	4-Pregnen-21-ol-3,20-dione (2,2,4,6,6,17,21,21-D ₈ , 96%) CP 97%	neat	Please inquire
ULM-10011-C	4-Pregnen-21-ol-3,20-dione (unlabeled)	100 µg/mL in methanol	1 mL
ULM-10011	4-Pregnen-21-ol-3,20-dione (unlabeled)	neat	1 mg
DLM-6896	Pregnenolone (17,21,21,21-D ₄ , 98%)	neat	10 mg
CDLM-9158-C	Pregnenolone (20,21- ¹³ C ₂ , 99%; 16,16-D ₂ , 98%)	100 µg/mL in acetonitrile	1 mL
CDLM-9158	Pregnenolone (20,21- ¹³ C ₂ , 98%; 16,16-D ₂ , 98%)	neat	1 mg, 5 mg
ULM-9159-C	Pregnenolone (unlabeled)	100 µg/mL in methanol	1 mL
ULM-9159	Pregnenolone (unlabeled)	neat	1 mg, 5 mg, 10 mg
CDLM-9160	Pregnenolone sulfate, sodium salt (20,21- ¹³ C ₂ , 99%; 16,16-D ₂ , 98%)	neat	1 mg, 5 mg
ULM-9161	Pregnenolone sulfate, sodium salt (unlabeled)	neat	1 mg, 5 mg, 10 mg
CLM-457	Progesterone (3,4- ¹³ C ₂ , 90%)	neat	10 mg
CLM-9162-C	Progesterone (2,3,4- ¹³ C ₃ , 99%)	100 µg/mL in acetonitrile	1 mL
CLM-9162-B	Progesterone (2,3,4- ¹³ C ₃ , 99%)	50 µg/mL in acetonitrile	1 mL
CLM-9162	Progesterone (2,3,4- ¹³ C ₃ , 99%)	neat	1 mg, 5 mg
CLM-10414	Progesterone (2,3,4,20,21- ¹³ C ₅ , 99%)	neat	1 mg
DLM-7953-1.2	Progesterone (2,2,4,6,6,17α,21,21,21-D ₉ , 98%)	100 µg/mL in <i>p</i> -dioxane	1.2 mL
DLM-7953	Progesterone (2,2,4,6,6,17α,21,21,21-D ₉ , 98%)	neat	10 mg
ULM-8219-1.2	Progesterone (unlabeled)	100 µg/mL in <i>p</i> -dioxane	1.2 mL
DLM-3627	Prostaglandin A2 (3,3,4,4-D ₄ , 98%)	500 µg/mL in methyl acetate	Please inquire
DLM-3728	Prostaglandin E1 (3,3,4,4-D ₄ , 98%)	500 µg/mL in methyl acetate	Please inquire
DLM-3628	Prostaglandin E2 (3,3,4,4-D ₄ , 98%)	500 µg/mL in methyl acetate	Please inquire
DLM-3558	Prostaglandin-F2α (3,3,4,4-D ₄ , 98%)	Please inquire	Please inquire
DLM-7457	Sodium 17β-estradiol 3-sulfate (2,4,16,16-D ₄ , 98%) (stabilized with 50% w/w Tris)	neat	Please inquire
DLM-7456	Sodium estrone 3-sulfate (2,4,16,16-D ₄ , 98%) (stabilized with 50% w/w Tris)	neat	Please inquire
ULM-8132	Sodium estrone 3-sulfate (unlabeled)	neat	0.1 mg
DLM-9503	Stigmastanol (2,2,3,4,4-D ₅ , 98%)	neat	10 mg
CLM-159	Testosterone (3,4- ¹³ C ₂ , 99%)	neat	10 mg
CLM-9164-C	Testosterone (2,3,4- ¹³ C ₃ , 99%)	100 µg/mL in methanol	1 mL
CLM-9164	Testosterone (2,3,4- ¹³ C ₃ , 99%)	neat	5 mg, 10 mg
DLM-683-1.2	Testosterone (1,2-D ₂ , 98%)	100 µg/mL in methylene chloride	1.2 mL
DLM-683	Testosterone (1,2-D ₂ , 98%)	neat	0.1 g
DLM-6224-C	Testosterone (16,16,17-D ₃ , 98%)	100 µg/mL in methanol	1 mL
DLM-6224	Testosterone (16,16,17-D ₃ , 98%)	neat	5 mg
DLM-8085-D-1.2	Testosterone (2,2,4,6,6-D ₅ , 98%)	100 µg/mL in dioxane	1.2 mL
DLM-8085-1.2	Testosterone (2,2,4,6,6-D ₅ , 98%)	100 µg/mL in methylene chloride	1.2 mL
DLM-8085	Testosterone (2,2,4,6,6-D ₅ , 98%)	neat	Please inquire
CDLM-11711-C	Testosterone (2,3,4- ¹³ C ₃ , 98%; 16,16,17-D ₃ , 98%) CP 95%	100 µg/mL in ethanol	1 mL
ULM-8081-1.2	Testosterone (unlabeled)	100 µg/mL in methylene chloride	1.2 mL
DLM-8265	Testosterone diacetate (testosterone-D ₄ , acetate methyl-D ₆ , 98%)	neat	Please inquire
DLM-11016-C	3α,5β-Tetrahydroaldosterone (2,2,4,4,6,6-D ₆ , 98%) CP 95%	100 µg/mL in acetonitrile	1 mL
DLM-11016	3α,5β-Tetrahydroaldosterone (2,2,4,4,6,6-D ₆ , 98%) CP 95%	neat	Please inquire
ULM-9163	3α,5β-Tetrahydroaldosterone (unlabeled)	neat	1 mg, 5 mg
CLM-6725	L-Thyroxine (T4) (tyrosine-ring- ¹³ C ₆ , 99%) CP 90%	neat	0.1 mg
CLM-8931	L-Thyroxine (T4) (ring- ¹³ C ₁₂ , 99%) CP 97%	neat	0.1 mg
ULM-8184	L-Thyroxine (T4) (unlabeled)	neat	0.2 mg
CLM-10596	3,3',5-Triiodo-L-thyronine (T3) (ring- ¹³ C ₁₂ , 99%) CP 94%	neat	Please inquire
CLM-7185-C	3,3',5-Triiodo-L-thyronine (T3)·HCl (ring- ¹³ C ₆ , 99%)	100 µg/mL 0.1 N NH ₃ in methanol	1 mL
CLM-7185	3,3',5-Triiodo-L-thyronine (T3)·HCl (ring- ¹³ C ₆ , 99%) CP 95%	neat	1 mg, 5 mg, 10 mg

Chemical purity (CP) is 98% or greater, unless otherwise specified. MPT (microbiological and pyrogen tested) may be available; please inquire.

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Catalog No.	Description	Concentration	Unit Size
ULM-10573-C	3,3',5-Triiodo-L-thyronine (T3)·HCl (unlabeled) CP 95%	100 µg/mL 0.1 N NH ₃ in methanol	1 mL
ULM-10573	3,3',5-Triiodo-L-thyronine (T3)·HCl (unlabeled) CP 95%	neat	1 mg, 5 mg, 10 mg
CLM-10601-C	Reverse 3,3',5-triiodo-L-thyronine (rev T3)·HCl (diiodophenyl-ring- ¹³ C ₆ , 99%)	100 µg/mL 0.1 N NH ₃ in methanol	1 mL
CLM-10601	Reverse 3,3',5-triiodo-L-thyronine (rev T3)·HCl (diiodophenyl-ring- ¹³ C ₆ , 99%) CP 95%	neat	1 mg, 5 mg, 10 mg
ULM-10602-C	Reverse 3,3',5-triiodo-L-thyronine (rev T3)·HCl (unlabeled) CP 95%	100 µg/mL 0.1 N NH ₃ in methanol	1 mL
DLM-10026	Triamcinolone hexacetonide (16,17-isopropylidenedioxy-D ₆ , 98%)	neat	Please inquire
DLM-6989	Tryptamine·HCl (α,α,β,β-D ₄ , 97%)	neat	Please inquire
DLM-10026	Triamcinolone hexacetonide (16,17-isopropylidenedioxy-D ₆ , 98%)	neat	Please inquire
DLM-6989	Tryptamine·HCl (α,α,β,β-D ₄ , 97%)	neat	Please inquire

See back page for example references.

Mixtures

Catalog No.	Description	No. of Metabolites	Unit Size
NSK-S	Steroid Standards Mix Set S	5	1 vial, 10 vials
NSK-S-40X	Steroid Standards Mix Set S (40X)	5	1 vial, 10 vials

Compound Description	Conc. (nM)
4-Androstene-3,17-dione (A4) (2,2,4,6,6,16,16-D ₇ , 97%)	20
Cortisol (F) (9,11,12,12-D ₄ , 98%)	100
11-Deoxycortisol (11-S) (2,2,4,6,6-D ₅ , 98%)	20
21-Deoxycortisol (21-S) (2,2,4,6,6,21,21-D ₈ , 97%)	20
17α-Hydroxyprogesterone (17-OHP) (2,2,4,6,6,21,21-D ₈ , 98%)	20

Catalog No.	Description	No. of Metabolites	Unit Size
NSK-S-EXP	Expanded Steroid Standards Mix Set S	9	1 vial, 10 vials

Compound Description	Conc. (µM)
Aldosterone (A) (D ₇ , 98%)	0.52
4-Androstene-3,17-dione (A4) (2,2,4,6,6-D ₅ , 98%)	0.12
Corticosterone (B) (2,2,4,6,6,17α,21,21-D ₈ , 97%)	1.58
Cortisol (F) (9,12,12-D ₃ , 98%)	2.57
Dehydroepiandrosterone sulfate (DHEAS), sodium salt·2H ₂ O (2,2,3,4,4,6-D ₆ , 95%)	21.69
11-Deoxycortisol (11-S) (2,2,4,6,6-D ₅ , 98%) CP 97%	0.54
17-α-Hydroxyprogesterone (17-OHP) (2,2,4,6,6,21,21-D ₈ , 98%)	0.27
Progesterone (P) (2,2,4,6,6,17α,21,21-D ₉ , 98%)	0.14
Testosterone (T) (2,2,4,6,6-D ₅ , 98%)	0.12

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